

Graeagle Bridge over Graeagle Creek in Plumas County during the 2005 Floods. Some Coastal / Inland rivers and streams are forecast to meet or exceed Flood Stage for the upcoming winter storm by Sunday.



Duty Officer	
EDO	Sara Stillwell
CSWC Watch Officer	Janice Webb (Day) Sarah Murdock (Night)
STAC Duty Officer	STAC@caloes.ca.gov 916-275-4069
FDO	Joe Gear
LDO	Sherri Sarro
IDO	Kyle Noderer
CDO	Nancy Smith
SDO	Jim Acosta
PIO	Brad Alexander
TDO	Jeffrey Howell
IT	Dominick Pedicino
EQTP	Sharon Blakenheim
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System





Cal OES Activation Status				
State Operations Center Inland Region EOC		Coastal Region EOC	Southern Region EOC	
Level 2	Level 1	Level 1	Level 1	

2017 Statewide January Winter Storms

An atmospheric river, a narrow corridor of concentrated moisture, will take aim at California this weekend with heavy precipitation, high snow levels and soils that are already saturated from recent storms. Moderate precipitation starts 01/07/17, but the brunt of the storm will occur 01/08/17, tapering off 01/09/17. Additional storms are possible 01/10/17 into the week ahead. The majority of the precipitation will fall as rain in the mountainous areas as snow levels rise above 8,000 feet.

- This is forecast to be some of the more significant flooding seen in the past decade. Areas may flood that haven't seen impacts for several
 years. Use the break in the weather today to prepare. Additional storms are possible Tuesday into the following weekend. Keep in mind that
 flooding will take several days to recede in some areas after the rain stops.
- Cal OES is holding a conference call with state partners and the National Weather Service (NWS) to discuss the storm forecast, mitigation efforts, and planning between Cal OES Regions, state agencies, partners and stakeholders.

Activations

The State Operations Center (SOC) activated on 01/06/17at 0900 hours in support of the 2017 January Storms. Operational period from 0900 to 1700 hours.

See corresponding slide for full briefing

Cal OES COASTAL REGION

See 2017 Statewide January Winter Storms Slides

Cal OES INLAND REGION

See 2017 Statewide January Winter Storms Slides

Cal OES SOUTHERN REGION

• See 2017 Statewide January Winter Storms Slides



2017 Statewide January Winter Storms

Today

- · Will be dry with very cold temperatures expected.
- There is a possibility of icy roads across portions of Northern California.

Saturday-Monday

- There will be moderate to heavy precipitation for portions of Northern California that may present concerns including:
 - · Flooding along small creeks/streams.
 - Clogged drains with inundated flat lands and agricultural areas.
 - · Debris flows and mudslides will be possible over burn scars.
 - Main stem flooding could occur for the following rivers:
 - · Cosumnes River
 - Truckee River
 - Merced River
 - · Feather River
 - · Sacramento River

Tuesday - Thursday

 There will be another round of heavy precipitation with significant impacts to travel along with continued hydrology issues across much of the state.

Statewide Significant Watches/Warnings

A Flood Watch has been issued for a total of 25 counties:

• Counties are: Alpine, Amador, Butte, Calaveras, Colusa, El Dorado, Glenn, Inyo, Lake, Lassen, Mono, Nevada, Placer, Plumas, Sacramento, San Joaquín, Shasta, Sierra, Solano, Stanislaus, Sutter, Tehama, Tuolumne, Yolo and Yuba.

Flash Flood Watches have been issued for a total of 13 counties:

• Counties are: Fresno, Kern, Madera, Marin, Mariposa, Monterey, Napa, San Mateo, Santa Clara, Santa Cruz, Sonoma, Tulare and Tuolumne.

Incidents

- 2017 January Storms has been created in Cal EOC for the regions (Master View)
 - 2017 Coastal Region January Storms
 - 2017 Inland Region January Storms
 - 2017 Southern Region January Storms



2017 Statewide January Winter Storms

State/Federal Agency Preparatory Activities

Cal OES Law Branch

On 01/05/17 the Cal OES Law Duty Officer (LDO) advised that the Cal OES Law Enforcement Branch will continue to monitor the effects of a series of storms expected over the next several days.

• Cal OES Law Coordinators are working with Operation Areas (OA) to identify needs and preposition resources.

State Parks

• California State Parks has notified their Public Safety Superintendents in all Districts advising them to take precautions for storm preparation, as well as staffing accordingly and advising park visitors via typical communication methods.

Department of Water Resources

- The Department of Water Resources (DWR) Flood Operations Center (FOC) will remain at regular Duty Monitor status through 01/06/17 and continue to monitor conditions, update river recordings, and make High Water Notification Calls.
 - DWR will pre-position personnel and flood fight materials ahead of the weather and will activate 01/07/17 and 01/08/17 with 24-hour staffing.
 - DWR advises there are no requests for assistance at this time.
 - · Updates will follow if they become necessary.

California Nevada River Forecast Center

• The California Nevada River Forecast Center (CNRFC) will extend staffing coverage overnight 01/07/17 and 01/08/17 and will issue four hydrologic forecasts per day starting in the morning on 01/08/17.



2017 Statewide January Winter Storms

Cal OES Coastal Region

On 01/05/17, the Cal OES Coastal Duty Officer (Cal OES CDO) advised that Cal OES Coastal Region will continue to monitor activity throughout the region.

- The Region will be conducting regular check in with Operational Areas (OAs) to monitor the impacts from storms that brought significant wind, heavy rains and colder temperatures.
- At this time, there are no unmet needs or requests for assistance.

Activations

• California Highway Patrol (CHP) Golden Gate will activate their Emergency Operations Center (EOC) on a limited basis.

Deployments

· None at this time

County Preparatory Activities

- All OAs are taking preparation measures and will provide further information as it becomes available.
- · No requests for state assistance at this time.

Missions

- 2017-Coastal-29146 Del Norte County has requested local CAL FIRE sandbagging crews in preparation for upcoming heavy precipitation
- 2017-Coastal-29151 Del Norte County has requested sandbags
- 2017-Coastal-29152 Del Norte County has requested reflective cones
- 2017-Coastal-29153 Del Norte County has requested barricades
- 2017-Coastal-29154 Del Norte County has requested a windmaster or equivalent
- 2017-Coastal-29155 Del Norte County has requested visibility signs
- 2017-Coastal-29156 Del Norte County has requested Type 2 barricade lights
- 2017-Coastal-29157 Del Norte County requested a trailer mounted message board



2017 Statewide January Winter Storms

Cal OES Coastal Region (Continued)

Critical Infrastructure

- Pacific Gas and Electric (PG&E) will be utilizing advanced planning with additional staff and they will activate their Emergency Operations Center (EOC) to coordinate any power outages and gas leaks.
 - They will be activating a base camp in Scotts Valley, Santa Cruz County, to address issues in the county through 01/11/17.
- California Utilities Emergency Association (CUEA) reported that all utilities are on storm alert mode and the waste water entities have the capability for the storm.

Transportation

- Caltrans will begin implementing a 24 hour staffing pattern with 0600 to 1800 and 1800 to 0600 shifts in affected counties.
- CHP Golden Gate reports they will be monitoring roadways and hazards and will be in communication with Caltrans.
 - CHPs North Division reports they will be deploying additional commercial assets to Hwy 299 / 89 area.

River Forecast - The following rivers are forecast to meet or exceed Flood stage through Monday:

Humboldt County:

Eel River at Fernbridge

Mendocino County:

· Navarro River at Navarro

Sonoma County:

· Russian River at Guerneville

Napa County:

Napa River at Saint Helena

River Forecast - The following rivers are forecast to meet or exceed monitor stage through Monday:

- · Humboldt County: Mad River at Arcata; Van Duzen River at Bridgeville; South Fork Eel River at Miranda
- Mendocino County: Russian River at Hopland
- Napa County: Napa River at Napa
- Santa Clara County: Guadalupe River at San Jose-Almaden Expressway
- · Santa Cruz County: Pajaro River at Chittenden
- Monterey County: Carmel River at Robles Del Rio

Please see link for River Forecast Guidance - http://www.cnrfc.noaa.gov/



2017 Statewide January Winter Storms

Cal OES Inland Region

Activations

· None at this time

Deployments

· None at this time

County Preparatory Activities

- All Operational Areas (OAs) are taking preparation measures at this time and will provide further information as it becomes available.
- No requests for state assistance at this time.

Missions

None at this time

Infrastructure

· None at this time

Evacuations

Per the Cal OES Law Duty Officer (LDO), on 01/05/17, Yosemite National Park will be closing the park and evacuating all tourists and non-essential staff from the valley by this evening, 01/06/17.

- Based on current forecast and prior weather incidents (1997 flooding event) they are preparing for a worst case scenario and taking the proper precautions.
- The Cal OES Law Branch has been in contact with Yosemite's Search and Rescue coordinator and Deputy Chief Ranger who are coordinating
 this evacuation event.
- There are no requests for assistance or unmet needs.

Shelters

Red Cross is coordinating with Inland Counties to determine any need for sheltering.

2017 Statewide January Winter Storms

Cal OES Inland Region (Continued)

River Forecast - The following rivers are forecast to meet or exceed Flood stage through Monday:

Lassen County:

· Susan River at Susanville

Tehama County:

Sacramento River at Tehama Bridge; Sacramento River at Vina Woodson Bridge

Plumas County

· Middle Fork Feather River at Portola

Glenn County:

Sacramento River at Ord Ferry

Placer County:

Truckee River at Truckee

Mariposa County:

· Merced River at Yosemite at Pohono Bridge

Sacramento County:

• Cosumnes River at Michigan Bar; Cosumnes River at McConnell; Mokelumne River at Benson's Ferry

River Forecast - The following rivers are forecast to meet or exceed Monitor Stage through Monday:

Glenn County: Sacramento River at Hamilton City; Sacramento River at Butte City

Modoc County: Pit River at Canby

Colusa County: Sacramento River at Moulton Weir; Sacramento River at Colusa Weir; Sacramento River at Colusa Bridge

Yuba County: Yuba River at Marysville Placer County: Bear River at Wheatland

Sutter County: Sacramento River at Tisdale Weir; Sacramento River at Fremont Weir; Feather River at Nicolaus

Yolo County: Sacramento River at Fremont Weir; Yolo Bypass at Lisbon

Alpine County: East Fork Carson River at Markleeville

Stanislaus County: Tuolumne River at Modesto Solano County: Sacramento River at Rio Vista

Merced County: Merced River at Stevinson; Bear Creek at McKee Road

Tehama County: Sacramento River at Redbluff

Please see link for River Forecast Guidance - http://www.cnrfc.noaa.gov/



2017 Statewide January Winter Storms

Cal OES Southern Region

On 01/04/17, the Cal OES Southern Duty Officer (SDO) advises that Mono County Operational Area (OA) major concern is flooding in multiple areas based on history and the forecast.

- Sunday through Monday is the time frame for the majority of anticipated rainfall from this system.
- There are no plans to proclaim a local emergency.
- The Cal OES Law Duty Officer (LDO) will be working with the Sheriff to formulate any specific requests on 01/05/17.
- The Cal OES SDO and Southern Region will continue to stay in contact with the OA and will provide updates as warranted.

Activations

· None at this time

Deployment

• 1 Southern Region Emergency Services Coordinator (ESC) has deployed to Mono County.

County Preparatory Activities

- Mono County OA is taking preparation measures at this time.
- · No requests for state assistance.

Missions

· None requested at this time

Infrastructure

· Currently no infrastructure issues at this time

Please see link for River Forecast Guidance - http://www.cnrfc.noaa.gov/

FIRE ACTIVITY

Cal OES Fire Preparedness Levels				
National	Northern California Southern Californ			
Preparedness Level 1	Preparedness Level 1	Preparedness Level 2		
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2		

• Nothing Significant to Report.



MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures			
Northern California	Central California	Southern California	
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures	

Lifeline Routes:

San Bernardino County: Interstate 15 is closed from 12.3 miles north of the junction of State Route 127, at Halloran Springs to 23.8 miles south of the Nevada State Line, at Cima Road.

· Estimated time of reopening: Unknown

Non-Lifeline Routes:

Kern County:

- State Route 184 is closed from 5.9 miles south of the junction of State Route 58 at Panama Road to 0.9 miles south of the junction of State Route 58 at Red Bank Road due to flooding.
 - · Estimated time of reopening: Unknown
- State Route 155 is closed from Glenville to Greenhorn Summit due to flooding.
 - · Estimated time of reopening: Unknown
- State Route 178 is closed from 4.1 miles east of the Junction of State Route 184 to 12.5 miles west of the Junction of State Route 155.
 - Estimated time of reopening: 01/06/17

Wildfire Closures:

· There are no Wildfire Closures at this time.

Emergency Center Activations:

• There are no Emergency Center Activations at this time.

Interactive Travel Forecast Map Based on Weather Conditions Provided by National Weather Service (Prototype)

http://www.wrh.noaa.gov/wrh/travel/?wfo=mtr



Click on the Caltrans Logo to check current highway conditions. You can also call 1-800-427-7623 for current highway conditions.



California 911 System

	CA 911 Outages	
Northern California	Central California	Southern California
No 911 Outage	No 911 Outages	No 911 Outages

Service Interruptions:None reported.

Remote/Community Isolations: None reported

WEATHER OF CONCERN

Weather of Concern

• Today will be the last day to prepare for the upcoming atmospheric river that will bring severe precipitation this weekend throughout Northern and Central California.

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php



Key Points

01/06 - 01/13

Friday

• Drier with very cold temperatures expected. Possibility of icy roads across portions of Northern California.

Saturday-Monday

- Moderate to heavy precipitation northern 2/3 of California. Many hydro concerns including:
 - Flooding along small creeks/streams
 - Clogged drains with inundated flat lands and agricultural areas
 - Debris flows and mudslides possible over burn scars
 - Main stem flooding for the following rivers:
 - Cosumnes River
 - Truckee River
 - Merced River
 - Feather River
 - Sacramento River

Tuesday - Thursday

 Another round of heavy precipitation with significant impacts to travel along with continued hydro issues across much of the state.

California OES Impact Threat Matrix

Jan 06, 2017 – Jan 13, 2017

DAY/THREAT	FRI	SAT	SUN	MON	TUE	WED	THU
Fire Weather							
Winds					Nrn & Cntrl CA	Nrn & Cntrl CA	
Extreme Cold	N.CA						
Snow		Sierra	Sierra	N. CA/ Sierra	N.CA/ N.Sierra	Nrn & Cntrl CA	
Heavy Rain/ Flash Flooding		Cntrl CA	Cntrl CA	Nrn & Cntrl CA	N.CA/N. Sierra		
Debris Flows/Mud Slides		Burn Scars	Burn Scars	Burn Scars	Nrn Half CA		
River Flooding							





WEATHER SYNOPSIS BY REGION

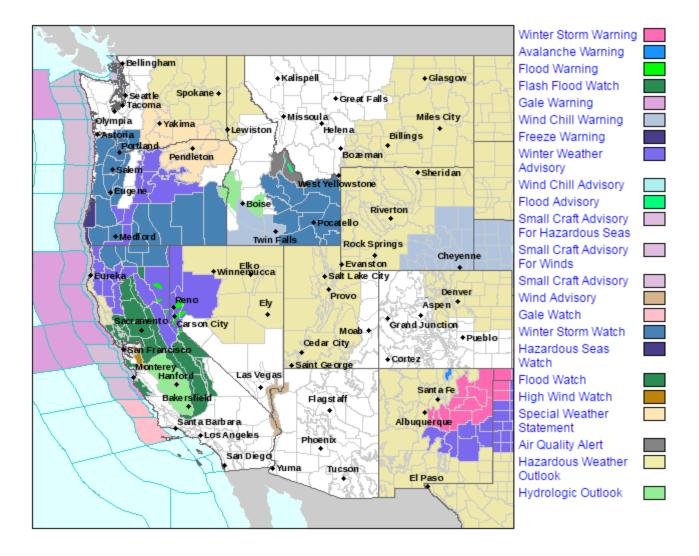
NORTHERN CALIFORNIA

A series of very wet Pacific winter storms will impact the region for the next week and possibly beyond. The next storm system will arrive tonight and continue into Monday. Light rain will first move into the north coast this evening and spread south and east as it increases in intensity. By late morning the heaviest steady precipitation will be focused on the western Sierra slopes, while other areas continue to see light to moderate precipitation. Very heavy precipitation is expected late Saturday from the Bay Area to the northern and central Sierra. Snow levels will start out near 3000 feet in the north and 6000 feet in the south early Saturday. However, some northern areas will start out with significantly lower snow levels due to trapped cold air in low spots. By late Saturday and early Sunday snow levels will rise to 6000 feet in the north and 8000 feet or higher in the south. The high snow levels combined with heavy precipitation will also increase the runoff due to the melting of existing snow, leading to a threat of significant flooding in the western Sierra and foothills. Colder air will begin moving in by midday Sunday and snow levels will drop to 4000 feet in the north and 5500 feet in the south Sunday night. Monday will be a bit colder as snow showers continue in the mountains throughout the region. More waves of moderate to heavy precipitation will follow on Tuesday/Wednesday, then another on Thursday/Friday, and possibly more beyond that. As each wave of precipitation approaches southeast to southwest winds will gust to 25-35 mph in open areas and snow levels will start out around 5000 feet in the north and 7000 feet in the south. As each wave moves through the region snow levels will drop to 3000 feet in the north and 5000 feet in the south. Total water equivalent for the next week could be 10-20 inches in the mountains and 2-6 inches at lower elevations.

SOUTHERN CALIFORNIA

A weak ridge will build across the area which will lead to partly sunny and warmer weather today. Expect temperatures to range from the 20s in the Sierras to the 50s in the San Joaquin Valley and high desert to the lower 70s across lower elevations of Southern California. North winds of 20-30 mph will develop this afternoon along the Colorado River Valley, otherwise, expect light winds today. The weather will turn decidedly wet over the weekend as a conveyor of deep moisture becomes directed at Central and Northern California. Some shower activity will be possible across areas from Santa Barbara County northward Saturday with heavier, more sustained, rain arriving Saturday night and Sunday. West winds will increase to 25-35 mph with gusts to 60 mph in the Sierras over the weekend. The snow level will climb Saturday and Saturday night toward 9,000 feet in the Sierras which may lead to flooding in the Sierra Foothills over the weekend. A weak trough will arrive Monday which will cause the heaviest precipitation to shift southward into Southern California. Precipitation will decrease Monday night over all areas, but some light rain may continue intermittently over the northern part of the district through the middle of next week. Rainfall totals through Monday night will be very heavy over Central California, especially along the Monterey County Coast and Sierras where over 8" of precipitation can be expected. Several feet of snow will fall in the Sierras over 9,000 feet with the snow level sinking lower Monday afternoon. Southern California will, in general, see 1-3" of rain with the heaviest totals occurring on west-facing aspects from Los Angeles County northward. Strong west winds will continue over the Sierras next week, but no offshore winds are expected through the period.

WEATHER MAP



CAL OES LAW ENFORCEMENT MISSIONS

Cal OES Law Missions

- 2017-LAW-29095, 01/04/17, 0911 hours: San Luis Obispo Sheriff's Office requested assistance in recovering two victims from a vehicle that went off a cliff in the area of Ragged Point, along Hwy 1. The victims were several hundred feet down a cliff and would require specialized equipment and personnel to recover. Monterey County Sheriff agreed to assist and were able to recover one victim on 01/04/17. Monterey Sheriff personnel returned on 01/05/17 to continue the mission. Update: 01/05/17, 2000 hours, Per the Assistant Chief, search for second victim has concluded with negative results, search teams are returning home. The vehicle wreckage has been recovered from the cliff and the accident investigation is continuing. Mission Closed
- 2017-LAW-29106, 01/04/17, 2330 hours: Santa Cruz County requested a swift water team to search Soquel Creek in Santa Cruz for an 80 year old male. The subject was reported missing on 01/03/17 at about noon. CHP officers located his vehicle at about 0330 on 01/04/17. The vehicle was involved in a single vehicle accident and indications were that the subject walked away from the accident toward the creek, but he has not been heard from since. Santa Cruz requested the Swift Water Team to report to the staging area at 0800 on 01/05/17. No resources were immediately available to fill the request. Update: 01/05/17, 0830 hours, CHP ENTAC advised they would be assisting with this search. At 1215 hours, the victim was located deceased in the river. Mission Closed



CAL OES MISSIONS

Cal OES Missions

- 2016-Coastal-26477: Cal Recycle debris removal assistance requested for the Clayton Fire in Lake County; on scene through 02/01/17.
 Mission Ongoing.
- 2016-Coastal-26412: DTSC clean up assistance requested for the Clayton Fire in Lake County; on scene through 02/01/17. Mission Ongoing.
- 2016-IREOC-21748: Tasking Cal Trans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing.**
- 2015-IREOC-19846: One RAWS weather station to Amador OA On scene 11/30/15, expected to be left in place until May 2017. Mission Ongoing.

Cal OES 2017 DROUGHT

The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.

Current Local Emergency Proclamations:

A total of **57** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 24 Counties: Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County) City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 11 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Tuolumne Band of Me-Wuk Indians (Tuolomne County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.